LINKSYS®

Quick Installation

This Quick Installation is meant to help you install the product quickly and easily. For detailed instructions on installation and configuration, and further setup options, please consult the User Guide.

Instant Wireless® Series

Dual-Band Wireless A + G Access Point

WAP55AG

① ③ ④ ②

System Requirements

One 200MHz or Faster PC with:
• 64 MB RAM
• Internet Explorer 4.0 or Netscape Navigator 4.7 or Higher for Web-based Configuration
• CD-ROM Drive
• 802.11a, 802.11b, or 802.11g Wireless Adapter with TCP/IP Protocol Installed
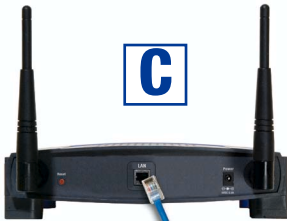
Package Contents

• One Setup CD-ROM with User Guide (1)
• One Power Adapter (2)
• Ethernet Network Cable (3)
• One Dual-Band Wireless Access Point (4)
• One Quick Installation guide (not shown)
• One Registration Card (not shown)

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1 Connecting the Wireless Network Access Point

A. **Locate an optimum location for the Access Point.** The best place for the Access Point is usually at the center of your wireless network, with line of sight to all of your mobile stations.

B. **Fix the direction of the antenna.** Try to place it in a position which can best cover your wireless network. Normally, the higher you place the antenna, the better the performance will be. The antenna's position enhances the receiving sensitivity.

C. **Connect a standard Ethernet network cable to the Access Point.** Then, connect the other end of the Ethernet cable to a switch or hub. The Access Point will then be connected to your 10/100 Network.

C

D. **Connect the AC Power Adapter to the Access Point's Power Socket.** Only use the power adapter supplied with the Access Point. Use of a different adapter may result in product damage.

D

Now that the hardware installation is complete, proceed to setup the Access Point.
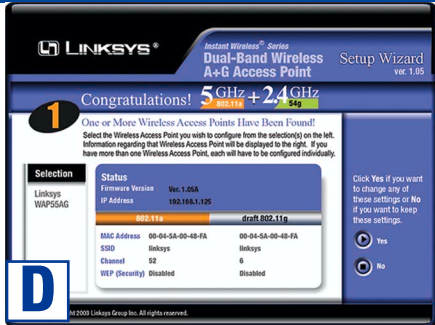
2 Setting Up the Access Point

Now that you've connected the Access Point to your wired network, you are ready to begin setting it up. This Setup Wizard will take you through all the steps necessary to configure the Access Point.

A. Insert the Setup Wizard CD into your PC's CD-ROM drive.

B. The Welcome screen should appear on your monitor. If it does not, this means the autorun is not functioning. Start the Setup Wizard manually by clicking **Start**, selecting **Run**, and typing **d:\setup.exe**. Click **Setup** to continue this Setup Wizard.
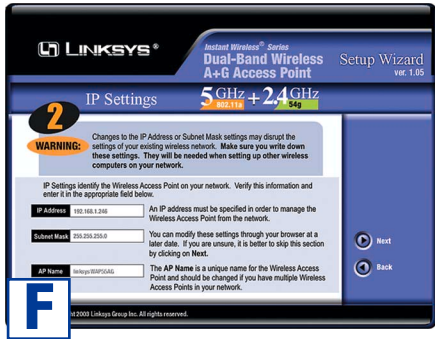
B

C. The following screen displays how to connect the Access Point. This should have been done as shown in Step One. Click **Next** to continue.

D. The next screen to appear will display a list of access points on your network along with the status information for each access point. Choose this Access Point for configuration and click **Yes** to continue.

D

E. You will be asked to sign onto the Access Point you've selected. Enter the default password: **admin**. Then, click **OK**.

F. The *IP Settings* screen will appear next. Enter an IP Address, Subnet Mask, and enter a unique access point name for the Access Point appropriate to your network. Then, click **Next** to continue.
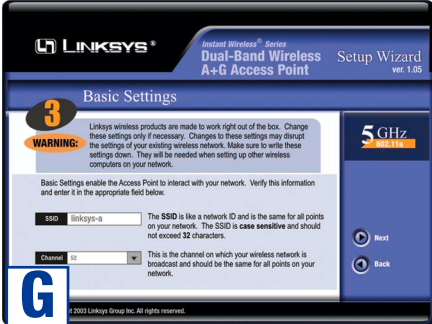
F

IP Address. This IP address must be unique to your network. (The default IP address is 192.168.1.246.)

Subnet Mask. The Access Point's Subnet Mask must be the same as your Ethernet network.

Access Point Name. Assign a name to the Access Point. Unique, memorable names are helpful, especially if you are employing multiple access points on the same network.
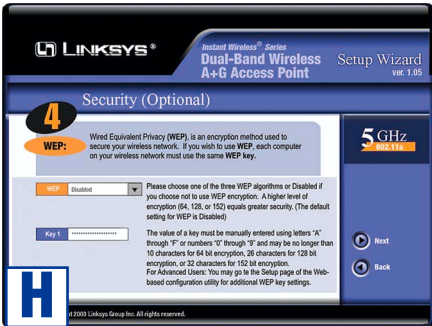
G. The *Basic Settings* screen for your 5 GHz/802.11a wireless products will appear. Enter your wireless network's SSID and select the channel at which the network broadcasts its wireless signal. Then, click **Next** to continue.

SSID. The SSID is the unique name shared among all points in a wireless network. The SSID must be identical for all points in the wireless network. It is case sensitive and must not exceed 32 characters, which may be any keyboard character. The default SSID, **linksys-a**, should be changed for greater security.

Channel. Select the appropriate channel from the list provided to correspond with your network settings, between 36 and 64. All points in your wireless network must use the same channel in order to function correctly.
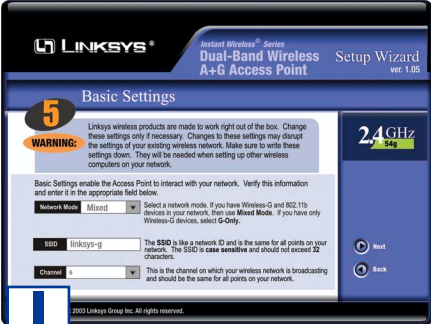
H. The *Security Settings* screen for your 5 GHz/802.11a wireless products will appear next. From this screen, you will set the Wired Equivalent Privacy (WEP) encryption for your wireless network. Select a WEP configuration method and a WEP key.

The WEP key can consist of the letters "A" through "F" and the numbers "0" through "9" and should be 10 characters long for 64-bit encryption, 26 characters long for 128-bit encryption, or 32 characters long for 152-bit encryption. All points in your wireless network must use the same WEP key to utilize WEP encryption.

Click **Next** to continue.

I. From the *Basic Settings* screen for your 2.4 GHz/802.11g wireless products, enter your wireless network's SSID and select the channel at which the network broadcasts its wireless signal. Then, click **Next** to continue.
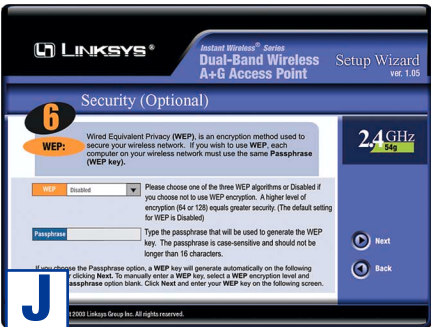
Network Mode. This mode is provided in the event you wish to incorporate 802.11b products into you 802.11g-draft wireless network. If you are using both 802.11g-draft and 802.11b products in your network, select **Mixed** mode. You may experience reduced networking speeds in Mixed mode, as the speed must compensate for both types. If you are only using 802.11g-draft products in your network, select **G-Only** mode.

SSID. The SSID is the unique name shared among all points in a wireless network. The SSID must be identical for all points in the wireless network. It is case sensitive and must not exceed 32 characters, which may be any keyboard character. The default SSID, **linksys-g**, should be changed for greater security.

Channel. Select the appropriate channel to correspond with your network settings, between 1 and 11 (in North America). All points in your wireless network must use the same channel in order to function correctly.

J. On the *Security Settings* screen for your 2.4 GHz/802.11g-draft wireless products, you will set the Wired Equivalent Privacy (WEP) encryption, 64-bit/128-bit, for your wireless network. Select a WEP configuration method and a WEP passphrase.
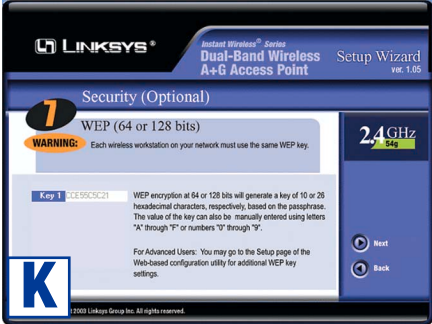
WEP (Disable/64-bit WEP/128-bit WEP). In order to utilize WEP encryption, select the WEP setting from the pull-down menu. If you do not wish to utilize WEP encryption, make sure **Disable** is selected.

Passphrase. This is a text string with a maximum of 16 alphanumeric characters used for generating a WEP Key. Type a passphrase here. This passphrase may not work with non-Linksys products due to possible incompatibility with other vendors' passphrase generators, in which case you can enter the WEP Key manuallyfrom the next screen.

Click **Next** to continue.

K. The following Security screen will allow you to enter your WEP key if a passphrase was not entered on the previous screen. If a passphrase was used, the new WEP key will appear on this screen. Each point in your wireless network must use the same WEP key for the network to function properly. Click **Next** to continue.

The WEP key can consist of the letters "A" through "F" and the numbers "0" through "9" and should be 10 characters in length for 64-bit encryption or 26 characters in length for 128-bit encryption.

L. You should now review the settings you've chosen. If these settings are correct, click **Yes** to save these settings. If you wish to change any of the settings, click **No** to exit the Setup Wizard and start it again to revise your settings.

M. Configuration is now complete. To configure any other Access Points in your network, you can run this Setup Wizard again. Click **Exit** to exit the Setup Wizard.

For additional information or troubleshooting help, refer to the User Guide on the Setup CD-ROM. You can also call or email for further support.

24-hour Technical Support	800-326-7114 (toll-free from US or Canada)
E-mail Support	support@linksys.com
Website	http://www.linksys.com or
	http://support.linksys.com
RMA (Return Merchandise Authorization) Issues	http://www.linksys.com/support
FTP Site	ftp://ftp.linksys.com
Sales Information	800-546-5797 (800-LINKSYS)